

FORTY-FIRST REPORT
OF
THE RESIDENT PHYSICIAN
OF THE
BELFAST DISTRICT
HOSPITAL FOR THE INSANE,
OF THE
COUNTY OF ANTRIM, AND THE COUNTY OF THE TOWN
OF CARRICKFERGUS,

From 1st January to 31st December, 1870.

ESTABLISHED 1829.

BELFAST:
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1871.

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GOVERNORS

OF THE

Belfast District Hospital for the Insane,

APPOINTED BY

THE LORD LIEUTENANT AND PRIVY COUNCIL OF IRELAND.

| No. | NAME. | RESIDENCE. | DATE OF APPOINTMENT. |
|-----|-------------------------------------|-----------------------------|----------------------|
| 1 | The Marquis of Donegall, .. | London, | March, 1829 |
| 2 | The Mayor of Belfast. | Belfast, | March, 1829 |
| 2 | The Ven. Archd. Hincks, A.M., | Archdeaconry, Bushmills, .. | March, 1829 |
| 4 | Robt. J. Tennent, Esq., J.P., D.L. | Rushpark, Belfast, | Jan., 1836 |
| 5 | The Very Rev. Dean Stannus, .. | Lisburn, | April, 1842 |
| 6 | The Rev. J. S. B. Monsell, A.M., | | July, 1842 |
| 7 | John S. Crawford, Esq., J.P., D.L. | Crawfordsburn, | Nov., 1847 |
| 8 | The Lord Bishop of Down and | The Palace, Holywood, .. | April, 1850 |
| 9 | Connor and Dromore, .. } | | |
| | William Dunville, Esq., J.P., .. | Richmond Lodge, Co. Down, | May, 1851 |
| 10 | The Rev. T. F. Miller, D.D., .. | The Vicarage, Belfast, .. | Dec., 1851 |
| 11 | Adam J. Macrory, Esq., | Duncairn, Belfast, | June, 1852 |
| 12 | Lord Dufferin, | Clandeboye, Belfast, .. | Dec., 1855 |
| 13 | Thomas M'Clure, Esq., M.P., .. | Belmont, County Down, .. | Jan., 1856 |
| 14 | Lieut.-Colonel Forde, M.P., .. | Seaforde, County Down, .. | March, 1862 |
| 15 | The Right Rev. P. Dorrian, D.D. | Belfast, | Sept., 1866 |
| 16 | Sir E. C. W. M'Naghten, Bart., D.L. | Bushmills, | Oct., 1866 |
| 17 | Sir Edward Coey, J.P., D.L., .. | Merville, Belfast, | Oct., 1866 |
| 18 | John Young, Esq., J.P., D.L., .. | Galgorm Castle, Ballymena, | Oct., 1866 |
| 19 | H. H. M'Neile, Esq., J.P., | Parkmount, Belfast, .. | Oct., 1866 |
| 20 | J. B. Houston, Esq., J.P., D.L., | Orangefield, Belfast, .. | Oct., 1866 |
| 21 | Viscount Templetown, | Castle Upton, Templepatrick | Oct., 1866 |
| 22 | Sir R. A. Shafto Adair, Bart. .. | The Castle, Ballymena, .. | Oct., 1866 |
| 23 | Captain Gray, J.P., D.L., | Graymount, Belfast, .. | March, 1867 |
| 24 | Sir Thomas Bateson, Bart., M.P., | Belvoir Park, Belfast, .. | March, 1867 |
| 25 | Dr. M'Gee, J.P., | Belfast, | April, 1867 |
| 26 | David Taylor, Esq., J.P., | Bertha House, Belfast, .. | Feb., 1868 |
| 27 | T. Hamilton-Jones, Esq., J.P., D.L. | Moneyglass House, Toome, | Feb., 1868 |
| 28 | Wm. Ewart, jun., Esq., J.P., .. | Albertville, Belfast, .. | March, 1868 |
| 29 | The Rev. James Morgan, D.D., | Belfast, | March, 1869 |
| 30 | Professor Cuming, M.D., | Belfast, | March, 1869 |
| 31 | M. R. Dalway, Esq., M.P., | Carrickfergus, | March, 1869 |
| 32 | James Mehan, Esq., J.P., | Belfast, | March, 1869 |
| 33 | The Rev. John Macnaughtan, .. | Belfast, | |
| 34 | William Coates, Esq., J.P., .. | Glentoran, Belfast, .. | April, 1869 |

RESIDENT MEDICAL SUPERINTENDENT.

ROBERT STEWART, M.D.

NON-RESIDENT MEDICAL OFFICERS.

HENRY MAC CORMAC, M.D. | JAMES MOORE, M.D.

CHAPLAINS.

| | |
|--|-----------------|
| <i>Established Church of England & Ireland</i> | EDMUND M'CLURE. |
| <i>Presbyterian</i> | JOHN MECREDY. |
| <i>Roman Catholic</i> | JOHN LENNON. |

Stated Meetings of Governors are held on the first Monday of each month, at Two o'clock, p.m.

R E P O R T

OF THE

Belfast District Hospital for the Insane,

For the Year ended 31st December, 1870.

Table I.—General Statement of Admissions.

| | Males | Females | Total | Males | Females | Total |
|--|-------|---------|-----------|-------|---------|-------|
| In House on 1st January, 1870 .. | 135 | 99 | 234 | | | |
| Admitted since, New Cases .. | 104 | 82 | 186 | | | |
| | — | — | — | 239 | 181 | 420 |
| Total under Treatment during the year | | | | 239 | 181 | 420 |
| Discharged Recovered .. | 46 | 26 | 72 | | | |
| Do. Relieved .. | 5 | 3 | 8 | | | |
| Died .. | 15 | 10 | 25 | | | |
| | — | — | — | 66 | 39 | 105 |
| Remaining under Treatment on 31st Dec., 1870 .. | 173 | 142 | 315 | | | |
| The Total Admissions during the year were .. | | | 186 | | | |
| Do. for the preceding year .. | | | 184 | | | |
| Daily Average Number of Patients during the year .. | | | 289.60 | | | |
| Do. do. for the preceding year .. | | | 384.43 | | | |
| Per-centage of Recoveries and Relieved on the Average Daily | | | | | | |
| Number under Treatment | | | 27.62 | | | |
| Do. do. do. for the preceding year | | | 32.48 | | | |
| Do. do. do. on year's total Admissions | | | 43.10 | | | |
| Do. do. do. for the preceding year | | | 52.06 | | | |
| Average per-centage of Deaths on the total Number under Treat- | | | | | | |
| ment during the year | | | 5.95 | | | |
| Do. do. do. for the preceding year | | | 3.94 | | | |
| Do. do. do. on the Average Daily Number | | | | | | |
| during the year | | | 8.63 | | | |
| Do. do. do. for the preceding year | | | 5.78 | | | |
| "Dangerous Lunatics" admitted, by Warrants of two | | | | | | |
| Magistrates, during the year (as embraced in the | Males | Females | Total | | | |
| year's total Admissions), viz.:— | 49 | 41 | 90 | | | |
| From County Antrim Jail .. | 4 | 0 | 4 | | | |
| Average Annual Expense of each Patient for the past | | | | | | |
| year, including every charge | | | £20 18 7 | | | |
| Do. do. for the previous year | | | 20 6 9 | | | |
| Total Expenditure for the year ended 31st Dec., 1870 | | | 6,061 4 8 | | | |
| Do. for the year ended 31st Dec., 1869 | | | 7,521 1 0 | | | |
| Net Profit on Farm and Garden .. | | | 351 19 5 | | | |

Table II.—Ages of the 186 Patients admitted during the Year ended 31st December, 1870.

| | Males | Females | Total |
|-------------------------|-------|---------|-------|
| Under 20 years, | 7 | 5 | 12 |
| 20 to 30 years, | 34 | 33 | 67 |
| 30 to 40 „ | 26 | 21 | 47 |
| 40 to 50 „ | 14 | 8 | 22 |
| 50 to 60 „ | 12 | 9 | 21 |
| 60 to 70 „ | 11 | 6 | 17 |
| TOTALS, | 104 | 82 | 186 |

Table III.—Alleged Causes of Insanity in the 186 Cases admitted during the Year ended 31st December, 1870.

| | Males | Females | Total |
|---|-------|---------|-------|
| MORAL CAUSES. | | | |
| Disappointments, Grief, and Anxiety, .. | 6 | 8 | 14 |
| Fright, | 0 | 1 | 1 |
| Jealousy, | 1 | 0 | 1 |
| Love of Money, | 1 | 0 | 1 |
| Religious Excitement, | 3 | 1 | 4 |
| Total Moral Causes, | 11 | 10 | 21 |
| PHYSICAL CAUSES. | | | |
| Bodily Ailments, | 4 | 1 | 5 |
| Fever, | 1 | 0 | 1 |
| Intemperance, | 11 | 2 | 13 |
| Puerperal Condition, | 0 | 2 | 2 |
| Sunstroke, | 1 | 0 | 1 |
| Total Physical Causes, | 17 | 5 | 22 |
| Hereditary, | 2 | 5 | 7 |
| Unascertained, | 73 | 62 | 135 |
| Idiotic, | 1 | 0 | 1 |
| TOTALS, | 104 | 82 | 186 |

Table IV.—Forms of Disease in the 186 Patients admitted during the Year ended 31st December, 1870.

| | Males | Females | Total |
|----------------------|-------|---------|-------|
| Dementia, | 11 | 2 | 13 |
| Mania, | 68 | 45 | 113 |
| Melancholia, | 6 | 13 | 19 |
| Monomania, | 19 | 22 | 41 |
| TOTALS, | 104 | 82 | 186 |

Table V.—Religion of the 186 Patients admitted during the Year ended 31st December, 1870.

| | Males | Females | Total |
|---|-------|---------|-------|
| Established Church of England and Ireland, | 27 | 16 | 43 |
| Presbyterians and Protestant Dissenters, .. | 48 | 26 | 74 |
| Roman Catholics, | 29 | 40 | 69 |
| TOTALS, | 104 | 82 | 186 |

Table VI.—Social Condition of the 186 Patients admitted during the year ended 31st December, 1870.

| | Males | Females | Total |
|------------------------------|-------|---------|-------|
| Married, | 40 | 14 | 54 |
| Single, | 59 | 58 | 117 |
| Widowers and Widows, | 5 | 10 | 15 |
| TOTALS, | 104 | 82 | 186 |

Table VII.—Occupations of the 186 cases admitted during the year ended 31st December, 1870.

| | Males | Females | Total |
|---------------------------------------|-------|---------|-------|
| Carpenters, | 2 | 0 | 2 |
| Clerks, | 5 | 0 | 5 |
| Dealers, | 5 | 1 | 6 |
| Dressmakers, | 0 | 3 | 3 |
| Farmers, | 41 | 0 | 41 |
| Housekeepers, | 0 | 20 | 20 |
| Mechanics, | 27 | 0 | 27 |
| Millworkers, | 2 | 11 | 13 |
| Pensioners, | 2 | 0 | 2 |
| Policeman, | 1 | 0 | 1 |
| Servants, | 4 | 20 | 24 |
| Soldiers, | 4 | 0 | 4 |
| Teachers, | 2 | 2 | 4 |
| Weavers, | 5 | 6 | 11 |
| Without any known Occupation, | 4 | 19 | 23 |
| TOTALS, | 104 | 82 | 186 |

Table VIII.—Degree of Education in the 186 cases admitted during the year ended 31st December, 1870.

| | Males | Females | Total |
|------------------------|-------|---------|-------|
| No Education, | 4 | 10 | 14 |
| Read only, | 12 | 7 | 19 |
| Read and Write | 86 | 65 | 151 |
| Well Educated, | 2 | 0 | 2 |
| TOTALS, | 104 | 82 | 186 |

Table IX.—Ages of the 72 Patients Discharged Recovered durring the year ended 31st December, 1870.

| | Males | Females | Total |
|------------------------------|-------|---------|-------|
| Under 20 years, | 3 | 5 | 8 |
| From 20 to 30 years, | 15 | 10 | 25 |
| „ 30 to 40 „ | 10 | 8 | 18 |
| „ 40 to 50 „ | 10 | 1 | 11 |
| „ 50 to 60 „ | 4 | 1 | 5 |
| „ 60 to 70 „ | 4 | 1 | 5 |
| TOTALS, | 46 | 26 | 72 |

Table X —Shewing the period of time the 72 Patients Discharged Recovered were under treatment during the year ended 31st December, 1870.

| | Males | Females | Total |
|-----------------------------|-------|---------|-------|
| Under 3 months,.. .. . | 7 | 6 | 13 |
| From 3 to 6 months, | 15 | 8 | 23 |
| „ 6 to 12 „ | 10 | 4 | 14 |
| „ 1 to 2 years, | 10 | 7 | 17 |
| „ 2 to 5 „ | 3 | 1 | 4 |
| „ 5 to 10 „ | 1 | 0 | 1 |
| TOTALS, | 46 | 26 | 72 |

Table XI.—Shewing the Duration of Disease in the 105 Patients Discharged Recovered, Relieved, and who Died, during the year ended 31st Dec., 1870.

| DURATION OF DISEASE. | RECOVERED AND RELIEVED. | | | DIED. | | |
|------------------------|-------------------------|---------|-------|-------|---------|-------|
| | Males | Females | Total | Males | Females | Total |
| Under 3 months, .. | 10 | 6 | 16 | 7 | 2 | 9 |
| From 3 to 6 months, .. | 15 | 9 | 24 | 0 | 0 | 0 |
| „ 6 to 12 months, .. | 11 | 5 | 16 | 2 | 2 | 4 |
| „ 1 to 2 years, .. | 10 | 7 | 17 | 3 | 1 | 4 |
| „ 2 to 5 „ .. | 3 | 2 | 5 | 2 | 2 | 4 |
| „ 5 to 10 „ .. | 2 | 0 | 2 | 0 | 1 | 1 |
| „ 10 to 20 „ .. | 0 | 0 | 0 | 1 | 2 | 3 |
| TOTALS, | 51 | 29 | 80 | 15 | 10 | 25 |

Table XII.—Ages of the 25 Patients who Died during the year ended 31st December, 1870.

| | Males | Females | Total |
|----------------------------|-------|---------|-------|
| From 20 to 30 years, | 3 | 1 | 4 |
| „ 30 to 40 „ | 4 | 3 | 7 |
| „ 40 to 50 „ | 5 | 2 | 7 |
| „ 50 to 60 „ | 2 | 3 | 5 |
| „ 60 to 70 „ | 1 | 1 | 2 |
| TOTALS, | 15 | 10 | 25 |

Table XIII.—Employment during the year ended 31st December, 1870.

| | Males | Females | Total |
|---|-------|---------|-------|
| Assisting Servants, | 20 | 10 | 30 |
| Basket Making, | 1 | 0 | 1 |
| Breaking Freestone, | 2 | 0 | 2 |
| Cultivating the Farm, | 73 | 0 | 73 |
| Embroidering, | 0 | 6 | 6 |
| Gardening, | 4 | 0 | 4 |
| Knitting, | 0 | 15 | 15 |
| Making and Repairing Clothing, Bedding, &c., .. | 0 | 20 | 20 |
| Making and Repairing Shoes, | 4 | 0 | 4 |
| Pumping Water, | 30 | 0 | 30 |
| Smith Work, | 1 | 0 | 1 |
| Spinning, | 0 | 20 | 20 |
| Sweeping Yards, Carrying Coals, &c., .. | 20 | 0 | 20 |
| Tailoring, | 3 | 0 | 3 |
| Washing in Laundry, | 0 | 20 | 20 |
| Warping, Weaving, and Winding, | 6 | 0 | 6 |
| TOTALS, | 164 | 91 | 255 |

Table XIV.—Forms of Disease of the Total Number of Patients remaining on 31st December, 1870.

| | Males | Females | Total |
|-----------------------------------|-------|---------|-------|
| Dementia, | 10 | 9 | 19 |
| Mania, | 113 | 101 | 214 |
| Do. complicated with Epilepsy, .. | 15 | 11 | 26 |
| Melancholia, | 16 | 11 | 27 |
| Monomania, | 19 | 10 | 29 |
| TOTALS, | 173 | 142 | 315 |

Table XV.—Showing the State of the Cases remaining on 31st Dec., 1870.

| | Males | Females | Total |
|---------------------------------|-------|---------|-------|
| Chronic Cases, | 104 | 96 | 200 |
| Probably Curable Cases, | 69 | 46 | 115 |
| TOTALS, | 173 | 142 | 315 |

Table XVI.—Shewing the Religious Persuasions of the 315 Patients remaining on 31st December, 1870.

| | Males | Females | Total |
|---|-------|---------|-------|
| Established Church of England and Ireland, | 48 | 39 | 87 |
| Presbyterians and Protestant Dissenters, .. | 71 | 48 | 119 |
| Roman Catholics, | 54 | 55 | 109 |
| TOTALS, | 173 | 142 | 315 |

Table XVII.—Obituary for the year ending 31st December, 1870.

| No. | Sex. | Age | Form of Insanity and alleged Exciting Cause. | Social State. | Occupation. | Period an Inmate. | | | Cause of Death. |
|-----|------|-----|---|------------------|-----------------------|----------------------|------|-----------|---|
| | | | | | | Yrs. | Mos. | Wks. Dys. | |
| 1 | M. | 41 | Mania—Phthisis. | Single. | Hackler. | 12 | 0 | 2 | Phthisis Pulmonalis. |
| 2 | M. | 36 | Mania—Unknown. | Married. | Labourer. | 0 | 9 | 3 | Maniacal exhaustion and paralysis. |
| 3 | F. | 52 | Mania—Unknown. | Married. | Housewife. | 0 | 7 | 3 | General debility, complicated with mania. |
| 4 | M. | 57 | Dementia— Injury of head from a fall. | Single. | Farmer. | 0 | 0 | 2 | General debility. |
| 5 | M. | 46 | Mania—Intemperance. | Married. | Commercial Traveller. | 0 | 1 | 0 | Maniacal exhaustion. |
| 6 | M. | 53 | Mania—Wound of eye. | Married. | Engineer. | 1 | 3 | 4 | Maniacal exhaustion. |
| 7 | M. | 29 | Mania—Unknown. | Married. | Servant. | 0 | 0 | 3 | Softening of the brain. |
| 8 | M. | 37 | Mania—Over study. | Married. | Labourer. | 1 | 0 | 3 | Paralysis. |
| 9 | F. | 66 | Mania—Death of husband. | Widow. | None. | 7 | 8 | 3 | General debility. |
| 10 | M. | 35 | Mania—Unknown. | Married. | Clergyman. | 0 | 0 | 2 | Acute mania, complicated with pulmonary disease |
| 11 | F. | 38 | Mania—Fright. | Single. | Flowerer. | 9 | 11 | 2 | Chronic phthisis, with diarrhoea. |
| 12 | M. | 44 | Mania—Pecuniary disappointments. | Widower. | Flax-dresser. | 2 | 3 | 0 | Mania, complicated with diarrhoea. |
| 13 | M. | 62 | Mania—Destitution. | Married. | Weaver. | 0 | 0 | 3 | General debility. |
| 14 | M. | 28 | Mania—Intemperance. | Single. | Nailor. | 0 | 8 | 1 | Maniacal exhaustion. |
| 15 | F. | 30 | Mania—Drugs to cause abortion. | Married. | Servant. | 1 | 2 | 2 | Do., complicated with refusing food. |
| 16 | M. | 27 | Mania—Unknown. | Single. | Farmer. | 0 | 2 | 0 | Mania, complicated with cardiac disease. |
| 17 | F. | 51 | Mania—Hysteria. | Single. | Servant. | 0 | 11 | 1 | General debility. |
| 18 | M. | 35 | Mania—Epilepsy. | Single. | Weaver. | 3 | 4 | 0 | Epilepsy. |
| 19 | M. | 47 | Mania—Hereditary. | Single. | Farmer. | 1 | 4 | 0 | Lumbar Abscess. |
| 20 | M. | 48 | Mania—Unknown. | Married. | Bricklayer. | 1 | 6 | 2 | Maniacal exhaustion. |
| 21 | F. | 38 | Mania—Unknown. | Single. | Flowerer. | 13 | 4 | 0 | General debility. |
| 22 | F. | 29 | Mania—Unknown. | Single. | Millworker. | 9 | 3 | 2 | Mania, complicated with phthisis. |
| 23 | F. | 50 | Mania—Unknown. | Single. | Servant. | 0 | 1 | 1 | General debility. |
| 24 | F. | 32 | Mania—Unknown. | Single. | Servant. | 0 | 0 | 3 | Puerperal mania. |
| 25 | F. | 46 | Mania—Hereditary. | Single. | Weaver. | 4 | 4 | 0 | Paralysis. |

GENERAL HEALTH.

THE health which prevailed throughout the year amongst the inmates was, on the whole, generally good, and no epidemic appeared amongst them.

DEATHS.

The mortality for the past year was twenty-five (fifteen males and ten females), the causes being, viz.:—Cerebral affections, eleven (seven males, four females); general debility and advanced age, seven (three males, four females); thoracic affections, four (two males, two females); disease of heart, one (male); abdominal diseases, two (males). The oldest and youngest males respectively in the above list were sixty-two years and twenty-seven; and the oldest and youngest females, sixty-six years and twenty-nine years—the average of the fifteen males being forty-one years, that of the ten females forty-three years, and the average of the entire forty-two years.

SUICIDAL CASES.

The total number of Suicidal cases admitted during the year, as contained in the year's admissions, was twenty-three—viz., twelve men and eleven women. Three of the men made actual attempts to destroy themselves before admission; one in particular having, as the result of a drunken debauch, very nearly accomplished his purpose, by inflicting a deep wound of considerable extent with a razor on the front part of his throat, cutting into the wind-pipe, and otherwise seriously injuring himself. He belonged properly to the County Down, living a few miles from Belfast, into which he was brought immediately after the occurrence of the deed; and, being taken before the Magistrates at Petty Sessions, was sent in here as “a Dangerous Lunatic” (wrapt up in a gory counterpane), there being no alternative but to admit him, irregular as the proceeding appeared to be. He ultimately made a good

recovery ; the case, however, being in its treatment a very anxious and troublesome one in its several stages. The other men threatened suicide, but made no actual attempts to do so, neither before nor after admission, requiring, at the same time, to be vigilantly watched to prevent the accomplishment of their purpose. Three of the eleven women of this class made actual attempts, whilst at large, to shorten their lives by strangulation ; the others had a strong propensity in that way, but effected no injury upon themselves ; and, happily, it is to be stated that no casualty under the above category occurred here during the year now completed.

HOMICIDAL CASES.

The Homicidal admissions were to the amount of forty—twenty-five men and fifteen women. Four of the former threatened to kill their fathers ; three, their wives ; four, their mothers ; the remainder being dangerous in their conduct in their families and to others. Of the women, one attempted to kill her father ; another threatened her mother's life ; two attempted the lives of their children ; one threatened the life of her sister ; the others in various ways put those around them in bodily fear and dread of their lives. It has been in former Reports observed that the Suicidal, and Suicido-homicidal inmates of these Institutions are a perpetual source of disquietude and uneasiness in all their movements, the perseverance and originality they exercise day and night, and night and day, to accomplish their ends being inconceivable, except to those whose lot it is to be eye and ear witnesses thereof, and who have the unenviable responsibility of their charge.

ACCOMMODATION.

No pressure has been experienced in regard to affording accommodation to the inmates presented during the year. The total number for which the house is calculated is three

hundred and thirty; and at the termination of the year there were on the books three hundred and fifteen, thus leaving but a small margin for future wants. And now, since admission has become so comparatively easy by means of magisterial warrants, and little or no control being enabled to be exercised in regard to such admissions, the law being peremptory for their reception, it will not likely be long before the entire available accommodation is absorbed.

BIRTH DURING THE YEAR.

One of the female patients, admitted as “a dangerous lunatic,” gave birth, three months afterwards, to a healthy male infant of full maturity, the latter being ultimately taken in charge by its aunt, and the mother making a good recovery, physically, but not otherwise, her mental condition continuing disturbed, and her general conduct exceedingly turbulent and troublesome. She could not bear the sight of the infant, becoming highly excited when it was presented to her notice for a mother’s temporary care.

“ DANGEROUS LUNATICS.”

The Act of Parliament authorising the admission of the above class of inmates on the warrant of two magistrates, was largely taken advantage of last year, as hitherto, for its readiness of disposal of such cases, when ninety were sent in—forty-nine males and forty-one females. A large proportion of the above admissions was of the most wretched description—filthy in person, and tattered and torn in dress, being of the lowest mental development, and morally of a most degraded type. Excess in stimulants was the immediate exciting cause in not a few, from which, being removed, they soon recovered, but only, in too many instances, to fall back into their former vicious course of life when again at their liberty.

AMUSEMENTS, ETC., OF THE INMATES.

The outside walks, and attendance occasionally at Flower Shows and places of Public Amusement, afforded, as usual, during the past year, no small agreeable variety to those capable of partaking of the same. The monotonous life of the inmates of an Institution for the Insane requires all the variety possible to be called into requisition for the removal of the *ennui* of their condition to the utmost, and the above methods of doing so are invaluable, having the happiest effects, together with that of allowing convalescing patients not only to see their friends, but to spend a day, or a portion thereof, with them occasionally, which is productive of the best results.

PATIENTS' BAND.

One of the best and most skilful in producing 'sweet sounds' in the original formation of the House Band was unfortunately amongst the number of the removals to the County Down Hospital for the Insane,—his loss, with that of another, being largely felt, and great difficulty was experienced in supplying the vacuum this caused; however, with the perseverance of Mr. Dornan, the Bandmaster here so many years, the loss sustained has been in a great measure made up by new pupils under his skilful teaching, and the Band brought up to a very fair state of efficiency and affording much pleasure and enlivenment to the inmates generally at their stated re-unions, &c., in the Recreation Hall.

SANITARY BUILDINGS.

The new bath-rooms, lavatories, and water-closets are still unfinished, and from present appearances need scarcely be expected to be delivered up complete for some months yet. The continued presence of tradesmen within the walls of such an institution as this greatly embarrasses its operations, and which, with even entire freedom from any palpably

exciting cause of this kind, is a work and labour of much difficulty and constant anxiety to those immediately responsible for its good conduct.

NEW DINING AND RECREATION HALL.

This important addition to the house has been completed for some months past, and is used for recreative purposes regularly, but not as yet as a refectory, owing to the scullery connected with it being still in the hands of the contractor; but it will soon, it is expected, be in readiness for its special purposes.

DEFICIENCY IN SUPPLY OF WATER.

The Committee referred to in last year's Report as having been appointed to inquire into the deficient supply of water from the spring wells on the grounds, having examined into the matter, ultimately reported that, for the present at least, they considered it would be better not to incur any expenditure in connexion therewith, and recommended that another Summer should be tried before carrying into effect the proposed remedy of sinking the steam-engine, in order to pump out the wells more completely than in its present site it was capable of doing; and with this Report the Board acquiesced.

NEW GOVERNOR.

Since last year, one new Governor has been appointed by order in Council—viz., William Coates, Esq., J.P., Glentoran, Ballymacarrett.

CLINICAL INSTRUCTION.

A class of senior medical students attended the House during the past year, with the Board's approval and authority, for the benefit of instruction in the general treatment of patients in these Institutions, the pupils attending one day in each week for a period of three months under the superintendence of the Resident Physician, each paying a fee of one guinea.

ATTENDANCE OF GOVERNORS.

The Governors who attended the regular monthly meetings, and one special meeting of the Board during the past year, and the number of their respective attendances, were as follow:—Mr. Macrory (13); Doctor Cuming, M.D., (12); Doctor M'Gee, J.P., (10); Rev. John Macnaughtan (9); Mr. W. Coates (8); Mr. H. H. M'Neile (7); Mr. Taylor (7); Mr. Hamilton-Jones (7); Sir Edward Coey (6); Mr. John Sharman Crawford (6); the Bishop of Down and Connor and Dromore (4); Right Rev. Dr. Dorrian (4); Mr. Jas. Mehan (4); Mr. M'Clure, M.P. (3); Mr. John Young (3); Mr. J. Blakiston Houston (3); Viscount Templetown (2); the Mayor of Belfast (Dr. Browne, R.N.) 1.

CHAPLAINS.

In May last, the Lord Lieutenant appointed three Chaplains, under the provisions of the recent Act of Parliament, the Board of Governors declining to do so, and also protesting against such appointments—namely, a Protestant, Presbyterian, and Roman Catholic Chaplain; and since which the ministerial services of each have been regularly performing.

SEPARATION OF THE COUNTY DOWN FROM THIS DISTRICT.

In reference to the proceedings recorded in last year's Report connected with the separation of the County Down from this Institution, Mr. Wilkinson, the Government Commissioner and Valuator, ultimately made his report thereon, which, having been submitted to the several Grand Juries of Antrim, Down, and Carrickfergus, was approved of by them, and of which the following is an abstract of the Commis-

sioner's award, in tabular form, as kindly supplied by Mr. Wilkinson :—

| | | | |
|---|---------------|-----|------|
| Name of Asylum, | Belfast. | | |
| Date of Expenditure, | 1829 to 1869. | | |
| Extent of Land purchased for site, | 53A. | 2R. | 20P. |
| Cost of site, | £8,731 | 7 | 11 |
| Improved value, Agriculturally only, of Labour of Patients, | £268 | 0 | 0 |
| Original Cost of Buildings, .. | £23,257 | 19 | 4 * |
| Amount expended in additions and permanent improvements between dates given, | £26,063 | 6 | 7 |
| Total cost of the original Buildings and subsequent additions and permanent improvements, | £49,321 | 5 | 11 |
| Present value of the Buildings, allowing for deterioration up to the period of removal of patients, | £36,261 | 5 | 11 † |
| Present value of Furniture, Fittings, and Clothing, .. | £1,565 | 7 | 8 |
| Total present value of Buildings, Site, Furniture, &c.,.. | £46,826 | 1 | 6 |

| | | | |
|---|--|----------|----------------|
| Name of old District Asylum.. | Belfast. | | |
| Names of Counties belonging to old district, | Antrim, County of Down, and Town of Carrickfergus. | | |
| Total present value of buildings, Land, Furniture, &c., as per above return, showing what belongs to each, .. | Antrim, .. | £22,937 | 2 11 |
| | Carrickfergus, | 593 | 1 9 |
| | Down, .. | 23,298 | 16 0 |
| Name of County in Schedule B, removed from old district | Down. | | |
| Equitable amount to be repaid by the several Counties on Schedule A, to the County of Down, in Schedule B, referred to in the Warrant, .. | Antrim, £22,705 | 6 10 | } 23,298 16 10 |
| | C.-fergus, | 593 10 0 | |

(Signed)

GEO. WILKINSON.

Dated May, 1870.

NOTE.—Land last purchased is not included.

* Including fence-walls.

† Deterioration includes buildings and fences removed.

NEW PRIVY COUNCIL RULES.—SALARIES OF MEDICAL
SUPERINTENDENTS.

A revision of the General Rules and Regulations for the management of these Institutions was issued by order in Council in November last, the former issue having been in 1862. A new feature in the present rules is the regulation of the salaries of the Resident Medical Superintendents, based upon a capitation scale—that is to say, according to the accommodation afforded to patients, and is as annexed:—

1. When the accommodation shall be under Two Hundred and Fifty, the salary of the Resident Medical Superintendent shall be at the rate of £340 per annum.
2. When the accommodation shall be Three Hundred and Fifty, and under Five Hundred, £450 per annum.
3. When the accommodation shall be Five Hundred, and under Six Hundred, £500 per annum.
4. When the accommodation shall be Six Hundred, and under Eight Hundred, £550 per annum.

PAY PATIENTS.

Another entirely new regulation embodied in this revised code is that of empowering the admission of pay patients as follows:—

Patients who have not sufficient available means of their own for payment of their maintenance in a private Lunatic Asylum, but whose friends are willing to pay, wholly or in part for their care and maintenance, may be admitted into District Asylums, subject to the following regulations:—

No such patient shall be admitted, so long as there shall be unsatisfied and legitimate claims for the admission of lunatic poor who have no available means of their own, and whose friends are unable or unwilling to contribute towards their care and maintenance in the Asylum.

Every agreement for payment shall be made with the Resident Medical Superintendent, and shall not exceed the average of the general cost, nor be less than one-half of the average cost, for the care and maintenance of patients in the District Asylum to which such patient shall be admitted; and the amount so stipulated shall be payable in advance by half-yearly instalments, and such paying patients shall be subject to the same rules and regulations as other patients in regard to their treatment, care, and maintenance.

ASSISTANT MEDICAL OFFICERS.

A further organic change in the conduct of these Institutions is the very important one of an assistant medical officer to the Resident Medical Superintendent being now established—one which must be admitted to be a most necessary adjunct to the official staff, and which has for years past been the established rule in the public Hospitals for the Insane in England and Scotland.

The qualifications and duties of the Assistant Medical Officer are thus laid down:—

He shall be duly qualified as a Physician and Surgeon, and hold a diploma in midwifery.

He shall assist the Resident Medical Superintendent in the performance of all the duties of that officer, and he shall perform all other duties that may be required of him, subject to the approval of the Inspectors, and shall not be absent from the Institution at the same time with the Resident Medical Superintendent.

OFFICIAL INSPECTIONS.

The following are the Reports made by the Government Inspectors of their official visits to the Establishment during the past year:—

“Visited and found the Establishment in its general satisfactory condition, in the absence of the Resident Physician. The extern Medical Officers are very regular in their attendance. The Sanitary state of the inmates is remarkably good. I am happy to observe that the new buildings are so far advanced. I much fear that the proposed alteration in the dining room will materially interfere with its structural appearance, and be as such quite out of character with its original symmetry. The covered passage, too, from the female side I think unnecessary; and, instead of alterations in detail that seldom effect a satisfactory or in the end the most economical result, I would recommend the enclosure of a suitable store, easy of access, to the contractors, and adjoining the kitchen, at the rear of the buildings; however, as the plans considered at the last meeting here have been sent up to the Board of Control, it may be premature for me to enter further into particulars.

“ (Signed)

“ J. NUGENT.

“ 23rd February, 1870.”

“ Having visited several of the day-rooms and corridors, and also the patients, I have to express myself greatly pleased with their general appearance as to comfort, cleanliness, and order. Doctor Stewart having pointed out to me the intended covered way outside of the dining hall, and explained its purpose, I quite concur with him and Mr. Wilkinson as to the necessity of it, and also that of converting the old recreation hall into a store room, and using the present one as a scullery for the new dining hall.

“(Signed)

“ G. W. H. HATCHELL.

“ May 8th, 1870.”

“ On inspecting the Belfast District Asylum, I find it in its usual state of order and cleanliness, and the inmates fully attended to. Their sanitary condition is very satisfactory—six only being in hospital. I am glad to observe that the buildings are in such forward progress. With reference to the dining hall, its arrangement and furniture, as the Board meets so soon, and before the selection of articles is made, I would recommend the Governors to judge for themselves, by personal examination on certain points. I think the Orchestra might be improved and rendered more useful if the back dais was higher. The windows, too, appear to me to be unprotected, as also Dr. Stewart will point out. In regard to the tables, iron supporters are perhaps the best on the whole, but those sent as a pattern are clumsy, and instead of sharp angles should have rounded edges. The seats, too, are, at the same time, very heavy and too narrow. I would suggest somewhat lighter ones, and made broader by two or three inches. It would also be highly advisable, considering that the refectory is intended besides for a recreation hall, that comfortable benches with backs should be procured, as well as single chairs. As to any light ornamentation to break the monotony of such a large apartment, it is a question for the taste of the Governors. I venture, however, to suggest the advisability of a surbase, the hall otherwise looking very unfinished.

“(Signed)

“ JOHN NUGENT.

“ 30th June, 1870.”

“ Visited and inspected the house, which, in the absence of the Resident Physician, appears to be generally in good order. There are various improvements, such as the re-flagging of the kitchen, renovating the stair-steps in many corridors, which require attention. When the

new buildings are occupied, I think the interior organization of the Asylum can be rendered better, and on which I hope, in person, to consult with the Board of Governors at an early day.

“(Signed)

“J. NUGENT.

“2nd December, 1870.”

“On my inspection of the Belfast District Asylum this day, I found it in a very satisfactory condition as to cleanliness, ventilation, and order. The patients at present in the establishment number in all 316—viz., 172 males, and 144 females. They all appear to be very carefully attended to in every respect. The males are principally employed on the grounds, and many at the several trades, such as Shoemaking, Tailoring, and Weaving. The females are employed assisting in the kitchen and laundry. Many also are engaged in Sewing, Knitting, and Spinning. Their clothing is comfortable and in good condition. The sanitary state of the patients is very satisfactory, there being only eight confined to bed from bodily ailment. With only one exception, they were all, both males and females, tranquil and orderly. There was none under seclusion or restraint. The new buildings are progressing, and, when finished, will add greatly to the general comfort of the establishment—both to patients and officers.

“(Signed)

“G. W. H. HATCHELL.

“December 2nd, 1870.”

CONCLUSION.

The general conduct of the attendants in the discharge of their unceasingly onerous and frequently personally dangerous duties, the Resident Physician feels much satisfaction in stating has been much to their credit throughout the year now closed.

ROBERT STEWART, M.D.,

Resident Medical Superintendent.

GENERAL TABLES OF STATISTICS.

Table XVIII.—Shewing the Admissions, Discharges, &c., from each County in the District, during the year ended 31st December, 1870.

| ADMITTED FROM EACH COUNTY. | | | | | | | |
|--------------------------------------|----|----|----|----|-------|---------|-------|
| | | | | | Males | Females | Total |
| Antrim, | .. | .. | .. | .. | 101 | 78 | 179 |
| County of the Town of Carrickfergus, | .. | | | .. | 3 | 4 | 7 |
| TOTALS, | .. | .. | .. | .. | 104 | 82 | 186 |

| DISCHARGED, &c., TO EACH COUNTY. | | | | | | | |
|--------------------------------------|----|----|----|----|-------|---------|-------|
| | | | | | Males | Females | Total |
| Antrim, | .. | .. | .. | .. | 65 | 36 | 101 |
| County of the Town of Carrickfergus, | .. | | | .. | 1 | 3 | 4 |
| TOTALS, | .. | .. | .. | .. | 66 | 39 | 105 |

| REMAINING IN THE HOUSE 31ST DEC., 1870. | | | | | | | |
|---|----|----|----|----|-------|---------|-------|
| | | | | | Males | Females | Total |
| Antrim, | .. | .. | .. | .. | 168 | 137 | 305 |
| County of the Town of Carrickfergus, | .. | | | .. | 5 | 5 | 10 |
| TOTALS, | .. | .. | .. | .. | 173 | 142 | 315 |

Table XIX.—Ages of Patients remaining on 31st December, 1870.

| | | | | | Males | Females | Total |
|-----------------|----|----|----|----|-------|---------|-------|
| Under 20 years, | .. | .. | .. | .. | 14 | 9 | 23 |
| 20 to 30 years, | .. | .. | .. | .. | 42 | 37 | 79 |
| 30 to 40 | .. | .. | .. | .. | 34 | 32 | 66 |
| 40 to 50 | .. | .. | .. | .. | 43 | 33 | 76 |
| 50 to 60 | .. | .. | .. | .. | 24 | 19 | 43 |
| 60 to 70 | .. | .. | .. | .. | 16 | 12 | 28 |
| TOTALS, | .. | .. | .. | .. | 173 | 142 | 315 |

Table XX.—Shewing the Articles manufactured and made by the Patients during the year ended 31st December, 1870.

| | |
|--------------------------------|-------------------|
| 1150 Hanks Linen Yarn. | 45 Petticoats. |
| 810 Yards Plain Linen. | 20 Wrappers. |
| 310 Pairs Stockings and Socks. | 96 Day Caps. |
| 155 Sheets. | 42 Bed Ticks. |
| 180 Shirts. | 60 Gowns. |
| 60 Shifts. | 232 Pillow Slips. |
| 124 Aprons. | |

Table XXI.—Shewing the Number of Cases Admitted, Recovered, Relieved, and who Died in each Quarter and each Month, respectively, during the year ended 31st December, 1870.

| 1870. | ADMITTED. | | | DISCHARGED. | | | | | | DIED. | | |
|-------------|-----------|----------|--------|-------------|----------|--------|-----------|----------|--------|--------|----------|--------|
| | | | | RECOVERED. | | | RELIEVED. | | | | | |
| | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| January, .. | 10 | 3 | 13 | 3 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 1 |
| February, | 17 | 10 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| March, .. | 8 | 4 | 12 | 4 | 1 | 5 | 0 | 0 | 0 | 1 | 0 | 1 |
| April, .. | 8 | 6 | 14 | 1 | 3 | 4 | 1 | 0 | 1 | 4 | 0 | 4 |
| May, .. | 11 | 8 | 19 | 3 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| June, .. | 12 | 6 | 18 | 8 | 0 | 8 | 0 | 1 | 1 | 1 | 1 | 2 |
| July, .. | 8 | 15 | 23 | 5 | 3 | 8 | 1 | 0 | 1 | 0 | 0 | 0 |
| August, .. | 6 | 8 | 14 | 8 | 2 | 10 | 1 | 1 | 2 | 0 | 1 | 1 |
| September, | 5 | 4 | 9 | 4 | 1 | 5 | 0 | 1 | 1 | 2 | 0 | 2 |
| October, .. | 6 | 7 | 13 | 5 | 4 | 9 | 0 | 0 | 0 | 3 | 2 | 5 |
| November, | 8 | 6 | 14 | 3 | 5 | 8 | 0 | 0 | 0 | 2 | 2 | 4 |
| December, | 5 | 5 | 10 | 2 | 4 | 6 | 1 | 0 | 1 | 0 | 3 | 3 |
| | 104 | 82 | 186 | 46 | 26 | 72 | 5 | 3 | 8 | 15 | 10 | 25 |

Table XXII.—Shewing the Duration of the Residence of the 315 Patients remaining under Treatment, 31st December, 1870.

| | | | | | | Males | Females | Total |
|-----------------|-----------------------|----|----|----|--|-------|---------|-------|
| From | 1 to 2 months, | .. | .. | .. | | 11 | 10 | 21 |
| „ | 2 to 3 „ | .. | .. | .. | | 14 | 14 | 28 |
| „ | 3 to 6 „ | .. | .. | .. | | 12 | 10 | 22 |
| „ | 6 to 9 „ | .. | .. | .. | | 15 | 16 | 31 |
| „ | 9 months to 1 year, | .. | .. | .. | | 19 | 18 | 37 |
| „ | 1 year to 18 months, | .. | .. | .. | | 12 | 11 | 23 |
| „ | 18 months to 2 years, | .. | .. | .. | | 12 | 14 | 26 |
| „ | 2 years to 4 „ | .. | .. | .. | | 12 | 9 | 21 |
| „ | 4 „ to 6 „ | .. | .. | .. | | 8 | 6 | 14 |
| „ | 6 „ to 10 „ | .. | .. | .. | | 9 | 6 | 15 |
| „ | 10 „ to 15 „ | .. | .. | .. | | 7 | 5 | 12 |
| „ | 15 „ to 20 „ | .. | .. | .. | | 10 | 5 | 15 |
| „ | 20 „ to 25 „ | .. | .. | .. | | 9 | 6 | 15 |
| „ | 25 „ to 30 „ | .. | .. | .. | | 11 | 8 | 19 |
| „ | 30 „ and upwards, | .. | .. | .. | | 12 | 4 | 16 |
| TOTALS, | | | | | | 173 | 142 | 315 |



TABLE XXIII.—Shewing the Admissions, Discharges, and Deaths, with the mean Annual Mortality, and Proportion of Recoveries, per cent. of the Admissions for each Year ending 31st March and 31st December, since the Opening of the Establishment.

| Year. | ADMITTED. | | | DISCHARGED. | | | | | | DIED. | | | Remaining 31st December, 1870. | | | Average Number Resident. | Per centage. of Recoveries on Admissions. | Per centage of Deaths on average numbers Resident. |
|-------|-----------|-------|--------|-------------|-------|--------|-----------|-------|--------|-------|-------|--------|-----------------------------------|-----|-----|--------------------------------|---|--|
| | | | | Recovered. | | | Relieved. | | | | | | | | | | | |
| | Male. | Fmle. | Total. | Male. | Fmle. | Total. | Male. | Fmle. | Total. | Male. | Fmle. | Total. | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 1831 | 94 | 80 | 174 | 25 | 12 | 44 | 5 | 3 | 8 | 6 | 3 | 9 | 58 | 55 | 113 | 103.68 | 32.79 | 8.68 |
| 1832 | 51 | 49 | 100 | 29 | 22 | 51 | 2 | 3 | 5 | 10 | 5 | 15 | 68 | 74 | 142 | 132.65 | 38.44 | 11.30 |
| 1833 | 41 | 32 | 73 | 21 | 24 | 45 | 16 | 6 | 22 | 15 | 8 | 23 | 57 | 68 | 125 | 131.45 | 34.23 | 17.49 |
| 1834 | 32 | 44 | 76 | 18 | 29 | 47 | 1 | 2 | 3 | 5 | 6 | 11 | 65 | 75 | 140 | 136.78 | 34.26 | 8.04 |
| 1835 | 43 | 42 | 85 | 23 | 25 | 48 | .. | .. | .. | 7 | 7 | 14 | 78 | 85 | 163 | 151.50 | 31.59 | 9.21 |
| 1836 | 37 | 36 | 73 | 32 | 30 | 62 | .. | .. | .. | 7 | 9 | 16 | 78 | 83 | 161 | 163.49 | 57.91 | 9.78 |
| 1837 | 42 | 39 | 81 | 31 | 22 | 53 | .. | .. | .. | 16 | 15 | 31 | 78 | 88 | 166 | 166.75 | 31.78 | 18.58 |
| 1838 | 36 | 56 | 92 | 19 | 39 | 58 | .. | .. | .. | 10 | 12 | 22 | 85 | 93 | 178 | 178.75 | 27.95 | 12.30 |
| 1839 | 52 | 55 | 107 | 25 | 40 | 65 | .. | .. | .. | 5 | 10 | 15 | 107 | 98 | 205 | 194.00 | 29.87 | 8.24 |
| 1840 | 56 | 58 | 114 | 30 | 33 | 63 | .. | .. | .. | 10 | 19 | 29 | 123 | 104 | 227 | 217.35 | 25.31 | 12.88 |
| 1841 | 62 | 53 | 115 | 34 | 31 | 65 | 5 | 3 | 8 | 14 | 10 | 24 | 132 | 113 | 245 | 244.67 | 26.15 | 9.80 |
| 1842 | 56 | 59 | 115 | 35 | 37 | 72 | 6 | 5 | 11 | 9 | 18 | 27 | 138 | 112 | 250 | 246.80 | 29.17 | 10.94 |
| 1843 | 72 | 51 | 123 | 59 | 37 | 96 | 3 | 4 | 7 | 8 | 10 | 18 | 140 | 112 | 252 | 249.44 | 36.08 | 7.21 |
| 1844 | 64 | 50 | 114 | 43 | 26 | 69 | 4 | 8 | 12 | 13 | 8 | 21 | 144 | 120 | 264 | 253.15 | 27.25 | 8.29 |
| 1845 | 60 | 53 | 113 | 33 | 35 | 68 | .. | .. | .. | 14 | 26 | 40 | 142 | 106 | 248 | 258.83 | 26.36 | 15.50 |
| 1846 | 53 | 54 | 107 | 32 | 29 | 61 | 10 | 14 | 24 | 9 | 15 | 24 | 144 | 112 | 256 | 252.18 | 24.19 | 9.51 |
| 1847 | 50 | 63 | 113 | 26 | 35 | 61 | 7 | 21 | 21 | 15 | 12 | 27 | 146 | 114 | 260 | 254.96 | 23.53 | 10.58 |

| | | | | | | | | | | | | | | | | | | |
|------|-----|----|-----|-----|----|-----|----|----|----|----|----|----|-----|-----|-----|--------|-------|-------|
| 1848 | 60 | 80 | 140 | 31 | 50 | 81 | 12 | 3 | 15 | 18 | 29 | 47 | 145 | 112 | 257 | 262.56 | 30.85 | 17.90 |
| 1849 | 61 | 59 | 120 | 27 | 42 | 69 | 8 | 6 | 14 | 21 | 9 | 30 | 150 | 114 | 264 | 271.32 | 25.23 | 11.05 |
| 1850 | 57 | 63 | 120 | 24 | 28 | 52 | 11 | 10 | 21 | 25 | 18 | 43 | 147 | 121 | 268 | 267.51 | 18.68 | 16.07 |
| 1851 | 69 | 71 | 140 | 33 | 40 | 73 | 11 | 18 | 29 | 22 | 7 | 29 | 150 | 119 | 269 | 271.12 | 29.87 | 10.69 |
| 1852 | 54 | 70 | 124 | 32 | 30 | 62 | 9 | 15 | 24 | 11 | 16 | 27 | 152 | 128 | 280 | 275.71 | 22.48 | 9.79 |
| 1853 | 50 | 65 | 115 | 26 | 41 | 67 | 9 | 12 | 21 | 14 | 11 | 25 | 153 | 129 | 282 | 280.01 | 23.92 | 8.92 |
| 1854 | 34 | 46 | 80 | 19 | 29 | 48 | 14 | 5 | 19 | 8 | 11 | 19 | 146 | 130 | 276 | 272.11 | 16.83 | 6.80 |
| 1855 | 37 | 59 | 96 | 13 | 25 | 38 | 11 | 8 | 19 | 18 | 21 | 39 | 141 | 135 | 276 | 266.48 | 13.50 | 14.63 |
| 1856 | 65 | 49 | 114 | 20 | 30 | 50 | 5 | 9 | 14 | 12 | 7 | 19 | 169 | 138 | 307 | 291.96 | 17.12 | 6.50 |
| 1857 | 78 | 64 | 142 | 27 | 39 | 66 | 9 | 6 | 15 | 23 | 26 | 49 | 188 | 142 | 330 | 323.95 | 20.41 | 11.75 |
| 1858 | 71 | 76 | 147 | 38 | 44 | 82 | 14 | 12 | 26 | 14 | 11 | 25 | 193 | 151 | 344 | 342.59 | 23.93 | 7.29 |
| 1859 | 57 | 57 | 114 | 33 | 32 | 65 | 7 | 11 | 18 | 12 | 6 | 18 | 198 | 159 | 357 | 347.21 | 18.17 | 5.18 |
| 4860 | 51 | 69 | 120 | 35 | 41 | 76 | 9 | 13 | 22 | 17 | 8 | 25 | 188 | 166 | 354 | 358.97 | 20.89 | 6.96 |
| 1861 | 51 | 51 | 102 | 18 | 29 | 47 | 14 | 17 | 31 | 14 | 8 | 22 | 193 | 163 | 356 | 356.98 | 13.16 | 6.16 |
| 1862 | 55 | 64 | 119 | 35 | 38 | 73 | 5 | 16 | 21 | 11 | 8 | 19 | 197 | 165 | 362 | 359.50 | 23.05 | 5.02 |
| 1863 | 38 | 44 | 82 | 24 | 35 | 59 | 4 | 6 | 10 | 7 | 7 | 14 | 200 | 161 | 361 | 362.90 | 29.59 | 3.85 |
| 1864 | 45 | 47 | 92 | 29 | 23 | 52 | 8 | 11 | 19 | 8 | 4 | 12 | 200 | 170 | 370 | 366.02 | 25.13 | 3.27 |
| 1865 | 33 | 40 | 73 | 15 | 21 | 36 | 7 | 16 | 23 | 10 | 12 | 22 | 201 | 161 | 362 | 364.51 | 20.26 | 6.03 |
| 1866 | 38 | 49 | 87 | 26 | 30 | 56 | 10 | 9 | 19 | 7 | 7 | 14 | 196 | 164 | 340 | 365.75 | 23.85 | 3.83 |
| 1867 | 45 | 43 | 88 | 30 | 25 | 55 | 13 | 9 | 22 | 6 | 7 | 13 | 192 | 166 | 358 | 362.91 | 24.24 | 3.58 |
| 1868 | 65 | 69 | 134 | 30 | 32 | 62 | 11 | 21 | 32 | 9 | 9 | 18 | 207 | 177 | 380 | 369.55 | 27.27 | 4.87 |
| 1869 | 115 | 69 | 184 | 71 | 62 | 133 | 12 | 6 | 18 | 14 | 10 | 24 | 225 | 164 | 389 | 384.43 | 21.24 | 1.60 |
| 1869 | 87 | 56 | 143 | 108 | 79 | 187 | 56 | 34 | 90 | 13 | 8 | 21 | 135 | 99 | 234 | 363.91 | 52.06 | 1.11 |
| 1870 | 104 | 82 | 186 | 46 | 26 | 72 | 5 | 3 | 8 | 15 | 10 | 25 | 173 | 142 | 315 | 289.60 | 43.10 | 3.63 |

| | | | | | | | | | | | | | | | | | | |
|-----------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|
| Total, .. | 2321 | 2316 | 4637 | 1298 | 1392 | 2690 | 333 | 328 | 633 | 502 | 462 | 964 | | | | | | |
|-----------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|

DIETARY

OF THE

Belfast District Hospital for the Insane.

BREAKFAST.

| | | |
|---|----------|---------------------|
| One quart stirabout (made with 7oz. coarse meal), and three-fourths of a pint of mixed milk (equal parts of new milk and buttermilk), | Males, | } Every Morning. |
| One-and-half-pint stirabout and one pint mixed milk, | Females. | |

DINNER.

| | | |
|--|---------------------|--------------------|
| One half-pound loaf bread (or 3lbs. potatoes), 6oz solid meat, and one pint soup, | Males & Females. | } 3 days a-week |
| One half-pound loaf bread (or 3lbs. potatoes) and one quart soup, made with ox heads and bones cut out of meat, vegetables, oatmeal, barley, peas &c., | Males. | |
| One half-pound loaf bread (or 3lbs. potatoes), and one-and-half-pint soup, | Females. | } a-week |
| Three-fourths of a pound of loaf bread (or 3½lbs. potatoes), and one pint mixed milk, | Males. | |
| One half-pound loaf bread (or 3lbs. potatoes), and one pint mixed milk. | Females. | } Fridays. |
| | | |

SUPPER.

| | | |
|--|----------|------------------------|
| One half-pound loaf bread, and three-fourths of a pint of new milk, | Males. | } First six months. |
| One half-pound loaf bread, and one-half pint new milk, | Females. | |
| One quart stirabout, and three-fourths pint of new milk, | Males. | } Last six months. |
| One-and-half-pint stirabout and one half-pint new milk, | Females. | |

* * Patients who are actively employed are allowed a portion of flesh-meat in addition to the soup, five instead of three days in the week. When the state of the patient's health requires it, the diet is changed accordingly, and any other substituted that may be considered requisite by the Medical Officers.

AN ACCOUNT OF THE RECEIPTS AND DISBURSEMENTS OF THE BELFAST DISTRICT HOSPITAL FOR THE INSANE FOR ONE YEAR,
BEING FROM 1ST JANUARY TO 31st DECEMBER, 1870.

[illegible]

AN ACCOUNT OF THE EXPENDITURE ON AND PRODUCE OF THE LAND OF THE BELFAST DISTRICT HOSPITAL FOR THE INSANE
FOR ONE YEAR,
BEING FROM 1ST JANUARY TO 31ST DECEMBER, 1870.

| Dr. | | EXPENDITURE. | | PRODUCE. | | Cr. |
|-------------------------------|----|--------------|----|---|----------|-----------|
| To Seed Potatoes | .. | .. | .. | By 19 tons, 10 cwt. Potatoes used in the Establishment, at 3s per cwt. .. | £58 10 0 | |
| " Seed and Plants | .. | .. | .. | " Potatoes sold at various prices .. | 0 11 0 | £59 1 0 |
| " Spades, Hooks, Shovels, &c. | .. | .. | .. | " 5 tons, 10 cwt. Oats used in the Establishment, at 8s 4d per cwt. .. | 44 11 0 | |
| " Shoeing Farm Horse | .. | .. | .. | " do. 1 ton, 10 cwt. sold .. | 13 17 6 | |
| " Rent-charge | .. | .. | .. | " 44 tons Wheat sold at various prices .. | 47 5 0 | |
| | | | | " do. used .. | 4 10 0 | |
| To Balance | .. | .. | .. | " 7½ tons Hay used in the Establishment, at 3s 6d per cwt. .. | 26 0 0 | 110 3 6 |
| | | | | " Do. Sold .. | 10 10 0 | |
| | | | | " 16 tons Straw used in the Establishment .. | 43 9 0 | 36 10 0 |
| | | | | " Vegetables and fruit sold .. | 12 8 9 | |
| | | | | " Do. used in the Establishment .. | 70 0 0 | |
| | | | | " Manure, valued at .. | 125 17 9 | |
| | | | | " Osiers made into Baskets .. | 60 0 0 | |
| | | | | " Grazing on Ground on River-side.. | 1 10 0 | |
| | | | | | 20 0 0 | |
| | | | | | | £413 2 3 |
| | | | | By Balance | | £351 19 2 |

LIST OF REPORTS, &c.,

RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1870.

Irish.

1. *Armagh District Hospital for the Insane*, Annual Report, 1869, pp. 26. By Robert M'Kinstry, M.D., Resident Medical Superintendent.
2. *Carlow District Hospital for the Insane*, Thirty-seventh Annual Report, 1869, pp. 21. By Michael P. Howlett, F.R.C.P., Ed., Resident Medical Superintendent.
3. *Castlebar District Hospital for the Insane*, Annual Report, 1869, pp. 11. By Joseph Edmundson, M.D., Resident Medical Superintendent.
4. *Clonmel Parent District Hospital for the Insane*, Annual Report, 1869, pp. 12. By James Flynn, M.B.T.C.D., Resident Medical Superintendent.
5. Do. Additional or Auxiliary do., Annual Report, 1869, pp. 18. By William H. Garner, F.R.C.S.I., Resident Medical Superintendent.
6. *District, Criminal, and Private Hospitals for the Insane in Ireland*, Report on (eighteenth) ; for the year 1869, (Blue Book), pp. 169. By John Nugent, M.D., and G. W. Hatchell, M.D., Government Commissioners and Inspectors. Presented to both Houses of Parliament by command of her Majesty.
7. *Ennis District Hospital for the Insane*, Annual Report, 1869, pp. 24. By William Daxon, M.D., Resident Medical Superintendent.
8. *Enniscorthy District Hospital for the Insane*, second Annual Report, 1869, pp. 26. By T. W. Shiell, M.B.T.C.D., Resident Medical Superintendent.
9. *Farnham House and Maryville Asylum* (at Finglass), County Dublin, Eighth Annual Report, 1869, pp. 21. John G. Wilson, M.D., Resident Medical Superintendent.
10. *Institution for Idiotic and Imbecile Children and Lucan Spa Asylum*, Annual Report, 1869, pp. 46. By Fred. Pim, L.K. & Q.C.P., Resident Physician.
11. *Kilkenny District Hospital for the Insane*, Eighteenth Annual Report, 1869, pp. 14. By Barry Delany, M.D., Resident Medical Superintendent.

12. *Killarney do.*, Seventeenth Annual Report, 1869, pp. 17. By M. S. Lawler, M.D., Resident Medical Superintendent.
13. *Letterkenny do.*, Third Annual Report, 1869, pp. 24. By James A. Eames, M.D., F.R.C.S.I., Resident Medical Superintendent.
14. *Maryborough do.*, Thirty-seventh Annual Report, 1869, pp. 24. By Joseph H. Hatchell, L.K. & Q.C.P.I., Resident Medical Superintendent.
15. *Monaghan do.*, First Annual Report, 1869, pp. 28. By John C. Robertson, M.R.C.S., England, Resident Medical Superintendent.
16. *Mullingar do.*, Annual Report, 1869, pp. 26. By H. Berkeley, M.D., Resident Medical Superintendent.
17. *Omagh do.*, Seventeenth Annual Report, 1869, pp. 33. By Francis J. West, M.D., Resident Medical Superintendent.
18. *Richmond do., Dublin*, Annual Report, 1869, pp. 42. By Joseph Lalor, M.D., Resident Medical Superintendent.
19. *Sligo do.*, Annual Report, 1869, pp. 44. By John M'Munn, M.D. Resident Medical Superintendent.
20. *Waterford do.*, Annual Report, 1869, pp. 25. By Fred. MacCabe, M.D., Resident Medical Superintendent.

English.

21. *Bedford, &c., or "Three Counties Asylum,"* Annual Report, 1869, pp. 82. Wm. Denne, F.R.C.S., England., Resident Medical Superintendent.
22. *Bristol City and County Asylum*, Annual Report for 1869, pp. 39. H. O. Stephens, M.D., Medical Superintendent.
23. *Buckinghamshire Asylum*, Annual Report, 1869, pp. 35. John Humphry, M.R.C.S., Resident Medical Superintendent.
24. *Cambridgeshire Asylum*, Twelfth Annual Report, 1869 pp. 38. George M. Bacon, M.D., Medical Superintendent.
25. *Carmarthen Joint Counties Asylum*, Fifth Annual Report, 1869, pp. 51. G. J. Hearder, M.D., Medical Superintendent.
26. *Chester County Asylum at Upton*, Annual Report, 1869, pp. 47. John H. Davidson, M.D., Medical Superintendent.
27. *Dorset County Asylum*, Annual Report, 1869, pp. 38. J. Gustavus Symes, M.R.C.S. Medical Superintendent.
28. *Durham County Asylum*, Eleventh Annual Report, 1869, pp. 53. Robert Smith, M.D., Medical Superintendent.

29. *Kent County Asylum, Maidstone*, Twenty-third Annual Report, 1869, pp. 15. Wm. P. Kirkman, M.D., Medical Superintendent.
30. *Lancaster County Asylum* (at Prestwich), Nineteenth Annual Report, 1869, pp. 55. J. Holland, F.R.C.S., Eng., Resident Medical Superintendent.
31. *London (City of) Asylum, Stone, near Dartford*, Fourth Annual Report, 1869, pp. 35. Octavius Jepson, M.D., Resident Medical Superintendent.
32. *Medical Reform*, 1870, pp. 23. By Sampson Gamgee, F.R.S., Edin., Surgeon, Queen's Hospital, Birmingham.
33. *Metropolitan Commissioners in Lunacy*, Twenty-fourth Report of, to March, 1870 (Blue Book), pp. 277.
34. Do. Suggestions and instructions issued by, in reference to construction, sewerage, water supply, &c., of Asylums, 1870, pp 8 and pp. 10.
35. *Middlesex County Asylum* (at Colney Hatch), Nineteenth Annual Report, 1869, pp. 116. W. G. Marshall, F.R.C.S. Eng., and E. Sheppard, M.D., Resident Medical Superintendents.
36. *Nottingham County and Town Lunatic Hospital*, Fourteenth Annual Report, 1869, pp. 40. By W. B. Tate, M.D., Physician-Superintendent.
37. *Notts County and Borough United Asylum*, Fourteenth Annual Report for 1869, pp. 33. By W. P. Stiff, M.B., London, Physician-Superintendent.
38. *Somerset County Asylum*, Annual Report, 1869, pp. 50. C. W. Carter Madden-Medlicott, M.D., Resident Medical Superintendent.
39. *Suffolk County Asylum*, Twenty-second Annual Report, 1869, pp. 16. John Kirkman, M.D. Resident Medical Superintendent.
40. *Voluntary Patients in Asylums*, 1870, pp. 16. By Stanley Haynes, M.D., Medical Superintendent, Laverstock House Asylum, Salisbury.
41. *Warwick County Asylum*, Annual Report, 1869 pp. 24. W. H. Parsey, M.D., Medical Superintendent.
42. *Wilts County Asylum*, Nineteenth Annual Report, 1869, pp. 60. John Thurnam, M.D., Medical Superintendent.
43. *Worcester County Asylum*, Sixteenth Annual Report, 1869, pp. 65. James Sherlock, M.D., Medical Superintendent.
44. *York Friends' Retreat*, at. Seventy-fourth Annual Report. June, 1870. pp. 28. Caleb Williams, M.D., Medical Superintendent.
45. *Yorkshire, North Riding Asylum of*, Annual Report, 1869, pp. 43. Thomas B. Christie, M.D., Medical Superintendent.

Scotch.

46. *Aberdeen Royal Asylum*, Annual Report, 1869, pp. 25. R. Jamieson, M.D., Physician-Superintendent.
47. *Argyll District Asylum*, Seventh Annual Report, for 1870, pp. 27. John Sibbald, M.D., Resident Medical Superintendent.
48. *Crichton Royal Institution for the Insane, at Drumfries*, Twenty-ninth and Thirtieth Annual Reports, 1868 and 1869, pp. 16 and 11. By James Gilchrist, M.D., Resident Medical Superintendent.

49. *Edinburgh Royal Asylum*, Annual Report, with Appendix, 1869, pp. 39. D. Skae, M.D., Physician-Superintendent.
50. *Fife and Kinross District Asylum*, Third Annual Report, 1869, pp. 30. J. B. Tuke, M.D., Resident Medical Superintendent.
51. *Glasgow Royal Asylum*, Fifty-sixth Annual Report, 1869, pp. 68. Alex. Mackintosh, M.D., Resident Physician-Superintendent.
52. *Inverness District Asylum*, Sixth Annual Report to May, 1870, pp. 36. Thomas Aitken, M.D., Resident Medical Superintendent.
53. *Medico-Psychological Association*. Report of Committee on the Medical Treatment, &c. of the Insane, held in the College of Physicians, Edinburgh, November, 1869, pp. 12.
54. "Morningside Mirror," in monthly numbers, for 1869-70. Conducted by the Inmates of the Royal Edinburgh Asylum.

Foreign.

55. *California Insane Asylum*, Seventeenth Annual Report, 1869, pp. 80. By G. A. Shurtleff, M.D., Resident Physician-Superintendent.
56. *Connecticut General Hospital for the Insane*, Fourth Annual Report to March, 1870, pp. 46. Abram Marvin Shaw, M.D., Superintendent and Physician.
57. *Eastern Asylum, Williamsburg, U. S. A.*, Annual Report, 1869, pp. 38. By D. R. Brower, M.D., Superintendent and Physician.
58. *Halifax Provincial Hospital for the Insane*, Twelfth Annual Report for 1869, pp. 57. James R. De Wolf, M.D., Physician-Superintendent.
59. *Jamacia Asylum for the Insane*, Annual Report, 1869, pp. 22. By Thomas Allen, M.D., Resident Medical Superintendent.
60. *King's County Asylum, Brooklyn, U. S. A.*, Annual Report to July, 1870, pp. 17. Edward R. Chapin, M.D., Physician-Superintendent.
91. *Melbourne Hospital for the Insane, and Hospitals for the Insane, Victoria*, Report of, for 1869, pp. 26. By E. Paley, M.D., Government Inspector of Asylums.
62. *New York State Asylum, Utica*, Twenty-seventh Annual Report for 1869, pp. 134. John P. Gray, M.D., Superintendent and Physician.
63. *Toronto Provincial Asylum*, Annual Report to September, 1869, pp. 24. By Joseph Workman, M.D., Medical Superintendent.
64. *Western Asylum, Staunton, Virginia, U. S. A.*, Reports for the Fiscal years, 1867, 1868-69, pp. 54. By Francis T. Stribling, M.D., Medical Superintendent.
65. *Western Pennsylvania Hospital*, Annual Report for 1869, pp. 67. Joseph A. Reed, M.D., Superintendent and Physician of Insane Department.